

Module title		Abbreviation
Modern Synthetic Methods		o8-OCM-SYNT-132-m01
Module coordinator		Module offered by
lecturer of the seminar		Institute of Organic Chemistry
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	Admission prerequisite to assessment: successful completion of exercises in the respective classes (usually 70% of exercises -- 10 to 15 hours -- to be successfully completed) as well as regular attendance of exercises (a maximum of 2 incidents of absence).
Contents		
This module discusses modern stereoselective synthesis methods. It focuses on selected total syntheses, organometallic chemistry and catalysis.		
Intended learning outcomes		
Students are able to stereoselectively plan complex chemical syntheses and to stereochemically analyse them. They can explain total syntheses. They can describe aspects of organometallic chemistry and catalysis in synthesis chemistry.		
Courses (type, number of weekly contact hours, language – if other than German)		
S + Ü (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
a) 1 to 2 written examinations (1 written examination: approx. 90 minutes; 2 written examinations: approx. 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes) Language of assessment: German or English		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Chemistry (2013)		